SECTION 905 -- PROPOSAL (CONTINUED)

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and stract documents the following addendum (addenda):

ADDE	ENDUM NO.	1	DATED	8/12/2	2005	ADDENDUM NO.	Q DATE	ED	
ADDE	ENDUM NO		DATED			ADDENDUM NO	DATE	ED	
Number		Descri	ption			L ADDENDA	<u>1</u>		
1	Revised Table 907-617-2, repl 811-1; Proposs same; Revised same; Revised	laces SP 9 al Sheets I Plan Sht	07-617-1; Add 2-2 thru 2-18, . Pgs. 2 & 9,	SP 907- replaces replaces	Respec	agree with too adde	nda issued prior to	opening of	f bids)
					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7	Contractor		
				4	DOX—		Signature		
				120M	ADDR	ESS			
(To be fil	led in if a corpo	oration)	se required.	,					
	Our corporation business address					f		and	the names,
	Pres	i (e)t					Address		
	Shecr	etary					Address		
Th - C-11	0	surer	J				Address		
i ne follo	vong is my (ou	r) itemize	u proposai.			BR-5525-	00(005) / 100602	Scott	County(ies)

Revised 11/03/2004

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PROGRESS SCHEDULE,

HAUL PERMIT FOR BRIDGES WITH POSTED WEIGHT LIMITS.

(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET OF SECTION 905 AS ADDENDA)

CODE: (SP)

SPECIAL PROVISION NO. 907-107-2

DATE: 08/12/2005

SUBJECT: Permits, Licenses and Taxes

Section 107, Legal Relations and Responsibility to Public, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

<u>907-107.02--Permits, Licenses and Taxes</u>. Delete in toto Subsection 107.02 on page 49 and substitute the following:

The Contractor or any Subcontractor shall have the duty to determine any and all permits and licenses required and to procure all permits and licenses, pay all charges, fees and taxes and issue all notices necessary and incidental to the due and lawful prosecution of the work. At any time during the life of this contract, the Department may audit the Contractor's or Subcontractor's compliance with the requirements of this section.

The Contractor or any Subcontractor is advised that the "Mississippi Special Fuel Tax Law", Section 27-55-501, et seq. and the Mississippi Use Tax Law, Section 27-67-1, et seq., and their requirements and penalties, apply to any contract or subcontract for construction, reconstruction, maintenance or repairs, for contracts or subcontracts entered into with the State of Mississippi, any political subdivision of the State of Mississippi, or any Department, Agency, Institute of the State of Mississippi or any political subdivision thereof.

The Contractor or any Subcontractor will be subject to one or more audits by the Department during the life of this contract to make certain that all applicable fuel taxes, as outlined in Section 27-55-501, et seq., and any sales and/or use taxes, as outlined in Section 27-67-1, et seq. are being paid in compliance with the law. The Department will notify the Mississippi State Tax Commission of the names and addresses of any Contractors or Subcontractors.

CODE: (SP)

SPECIAL PROVISION NO. 907-617-2

DATE: 08/12/2005

SUBJECT: Right-Of-Way Markers

Section 617, Right-Of-Way Markers, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is deleted in toto and replaced as follows:

SECTION 907-617 - RIGHT-OF-WAY MARKERS

<u>907-617.01--Description</u>. This work consists of furnishing and placing right-of-way markers in accordance with the plans and these specifications and at points designated on the plans, or as directed. The work also shall include the removal of right-of-way markers from their original locations and resetting at new locations as specified or established.

Generally, Type "A" markers shall be placed in the ground and Type "B" markers shall be placed in concrete areas. The estimated quantity of markers will be shown on the plans, and it is the Contractor's responsibility to verify the type and number of markers required.

<u>907-617.02--Materials</u>. The right-of-way marker shall be constructed using a reinforcement bar of the size indicated and a brass or bronze cap as indicated on the plan sheet. The cap shall be Mark-It® model C/M-HS-3-1/4B, Berntsen® 6000 Series, or approved equal. The cap shall be stamped with information indicated on the plans. The rebar shall meet the requirement of Section 711 of the Standard specifications.

Right-of-way markers for placement in concrete shall be Mark-It® model C/M-SS-3-1/4B, Berntsen® C Series, or approved equal brass or bronze stem designed marker. The cap shall be stamped with information indicated on the plans.

The witness post shall be made of fiberglass or Poly Vinyl Chloride (PVC) and shall not rust, rot or corrode within the service temperature range of -40°F to 140°F. It shall be of the color and size indicated in the plans or contract documents. The color shall not be painted on the marker but shall be pigmented into the material composition of the post. The post shall feature ultra violet (U.V.) inhibitors to eliminate cracking, pealing and deterioration of the post.

907-617.03--Construction Requirements.

<u>907-617.03.1--General.</u> Markers shall be manufactured in accordance with the details shown on the plans and the requirements of this section.

Prior to installation, the rebar shall be checked to assure there are no large burrs or mushrooming on the end that will receive the brass cap. Any burrs shall be filed or ground off before installation. The Contractor shall use rebar drivers to eliminate mushrooming of the rebar during

the driving operations.

Type "B" markers may be installed in freshly placed concrete or placed in cured concrete by drilling and anchoring. The marker shall be anchored using a bonding material recommended by the manufacturer of the marker.

The Contractor shall use specially designed post drivers or other means necessary to eliminate damage to the witness posts during installation. The Contractor will not be required to place witness posts in concrete.

All letters, symbols, and other markings shall be as shown on the plans and shall be neatly imprinted in the caps.

The markers shall be set at the locations designated on the plans, or as directed by the Engineer with assistance as needed by the District Surveyor. The markers shall be set to within 1/4 inch of the lines indicated or established and a minimum of two inches below to a maximum of six inches below the natural ground elevation.

The layout and placement of right-of-way markers shall be performed by, or under the supervision of, or directed by, a Licensed Professional Surveyor who is duly licensed and entitled to practice as a Professional Surveyor in the State of Mississippi and shall have responsible charge for these duties. The duties performed by said Professional shall conform to the definitions under the practice of "land surveying" in Mississippi Law. The location of the markers shall be as shown in the plans. Accuracy standards for placement of markers shall be 0.05 feet relative to the project control established by MDOT using either state plane coordinate monuments or centerline control monuments used for construction; or those accuracies as listed in the Mississippi State Board of Licensure for Professional Engineers and Surveyors publication entitled "Standards of Practice for Surveying in the State of Mississippi". The more stringent of these two accuracy standards will apply and shall be used. The Contractor shall not engage the services of any person in the employ of the Department for the performance of any of the work covered by this Section or any person who has been employed by the Department within the past six months, except those who have legitimately retired from service with the Department during this period.

The Department will establish, one time only, State Plane Coordinate System horizontal control monuments. It shall be the responsibility of the Contractor to establish additional control as may be required to facilitate the staking of the right-of-way. Control monuments set by the Contractor shall meet the minimum standards of surveying as required by the Mississippi State Board of Licensure for Professional Engineers and Surveyors. The accuracy of the control established by the Contractor shall be not less than 1:20,000 relative to the control provided by the Department. The Contractor shall reference, guard and protect control points from damage and obliteration. The Contractor shall verify the accuracy of the control points before proceeding with the installation.

<u>907-617.03.2--Removal of Existing Markers.</u> Existing right-of-way markers which are specified to be removed shall be removed in accordance with the plans or as directed by the

Engineer without additional compensation.

<u>907-617.03.3--Certification.</u> After all the markers are installed, the Licensed Professional Surveyor tasked with responsible charge for this installation shall submit a written certification to the Engineer certifying that all right of way markers were set at the locations designated on the plans, or otherwise directed by MDOT, and to the specified tolerances. The certification shall also include a copy of the right-of-way plan sheets with the right-of-way marker table completed for all locations in which the Licensed Professional Surveyor installed right-of-way markers. The table shall be completed showing the as-built (in-place) northing and easting location based on the State Plane Coordinate System. Each right-of-way plan sheet shall be signed and stamped by the Licensed Professional Surveyor.

The Licensed Professional Surveyor tasked with responsible charge will furnish a signed and stamped Final Right-of-Way Plat meeting the minimum standards of surveying for a Class A, B, or C survey as required by the Mississippi State Board of Licensure for Professional Engineers and Surveyors. Under no circumstance shall the standards for surveying be less accurate than a Class C survey.

The Final Right-of-Way Plat shall show all horizontal control points, whether provided by the Department or by the Contractor. In addition, the as-built project alignment shall be shown with stationing, curve data, and State Plane Coordinates for the BOP, PC's, PT's, and EOP.

<u>907-617.04--Method of Measurement.</u> Right-of-way markers will be measured by the unit. Such measurements shall include all the components and imprinting necessary for the right-of-way marker, the witness post and surveying decals, all labor, materials and incidentals necessary to furnish a complete in-place right-of-way marker.

<u>907-617.05--Basis of Payment.</u> Right-of-way markers will be paid for at the contract unit price per each, which shall be full compensation for completing the work.

Payment will be made under:

907-617-A: Right-of-Way Marker

- per each

CODE: (SP)

SPECIAL PROVISION NO. 907-811-1

DATE: 07/05/2005

SUBJECT: Disc Bearing

Section 811, Bronze or Copper Alloy Bearing and Expansion Plates, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as modified by this special provision is applicable to Disc Bearing Devices Only.

907-811.01--Description.

<u>907-811.01.1--General.</u> The disk bearing devices shall be adequate for the design loads and movements shown on the plans or specified, and shall be tested at the appropriate level.

This work shall consist of furnishing Multi-Rotational, High Load Disc Bearings and installing Disc Bearing Devices at the locations shown on the plans in accordance with these specifications and the *AASHTO Standard Specifications for Highway Bridges; 17th Edition.* Disc bearing devices shall include bearings, distribution plates, distribution pads, and connection hardware.

The disc bearings shall consist of polyether urethane structural element (disc) confined by upper and lower steel bearing plates. The bearing shall be equipped with a shear restriction mechanism to prevent movement of the disc. The bearings shall adequately provide for the thermal expansion and contraction, rotation, camber changes, and creep and shrinkage of structural members, where applicable.

For expansion bearings, the upper steel bearing plate shall have a PTFE (Polytetrafluorethylene) sheet recessed and bonded into the top half of the plate to accommodate the horizontal movement of the superstructure. The PTFE surface of the upper steel bearing plate shall support an upper steel plate fitted with a continuously welded, highly polished stainless steel face. For unidirectional expansion bearings, the upper steel plate shall be fitted with guide bars or a keyway system to restrict the lateral movement of the structure. The guide bars and their opposing guided surfaces shall be faced with opposing strips of PTFE/stainless steel. Guiding off of the fixed base or any extension of it will not be permitted.

Disc bearings shall be designed and constructed in accordance with AASHTO Standard Specifications for Highway Bridges; 17th edition, DIV I Section 14 and DIV II Section 18.

The supplier of the disc bearing devices shall show previous history in the design and fabrication of disc bearings. Documentation showing a minimum of two bridge installations shall be provided to the Bridge Engineer.

Sliding bearings shall be stiff in shear, i.e. negligible shear displacements shall occur within the load-bearing element.

907-811.01.2--Shop Drawings. The following shall be shown on the working drawings:

- The total quantity of each kind of bearing required (fixed, guided expansion, or nonguided expansion), grouped first according to type (load range) and then by actual design capacity.
- The plan view and section elevation view showing all relative dimensions of each type of bearing, along with a placement plan to show location of each bearing.
- The maximum design coefficient of friction as noted on the Contract Drawings.
- The type of materials to be used for all bearing elements.
- If applicable, any welding process used in the bearing manufacturer that does not conform to the approved processes of the American Welding Society (AWS) shall be clearly described and detailed.
- Vertical and horizontal load, rotation, and movement capacity.
- Coating requirements.
- Complete design calculations verifying conformance with these specifications.
- Anchorage details.
- If applicable, bearing preset details.
- The location of the fabrication plant.
- The Manufacturer's name and representative who will be responsible for coordinating production, inspection, sampling, and testing.

907-811.02--Materials.

<u>907-811.02.1--General.</u> All materials shall be new and unused with no reclaiming material incorporated in the finished bearing.

The finished properties of the polyether urethane shall conform to the following requirements:

Die de I Decembre	D	ASTM
Physical Property	Requirements	Test Method
Hardness, Shore D Durometer	60 min - 64 max	D2240
Tensile Stress, psi		D412
At 100% elongation	2000 min	
At 200% elongation	3700 min	
Tensile Strength, psi	5000 min	D412
Ultimate Elongation, %	220 min	D412
Compression Set		D395
22 hrs. at 158° F max	40%	

All steel, except stainless steel components of the bearing, shall conform to the requirements of the type of steel designated on the contract drawings. Coating of non-stainless steel components shall be in accordance with the structural steel construction notes per the contract drawings.

Stainless steel shall conform to the requirements of ASTM A167 Type 304, ASTM A240 Type 304. Higher grades of stainless are permissible. Stainless steel in contact with PTFE Sheet shall be polished to a No. 8 bright mirror finish, less than 5 micro-inches root mean square. The minimum thickness of the stainless steel shall be 16 gauge.

PTFE shall be manufactured from pure virgin (not reprocessed) unfilled PTFE resin. The PTFE sheet shall be bonded and recessed into the upper steel bearing plate. The PTFE sheet shall have a minimum thickness of 1/8 of an inch and be recessed one-half of its thickness into its steel substrate. The PTFE sheet shall be acid-etched on the bonded side and polished on the side facing the stainless steel to insure a low coefficient of friction.

The PTFE strips for guide bars shall be 15% glass filled and a minimum of 1/32 of an inch thick and shall be bonded and mechanically fastened into the steel edges. The fasteners shall be recessed so as not to interfere with sliding during movement. The PTFE shall be resistant to all acids, alkalis and petroleum products, stable at temperatures from -350°F to +500°F, non-flammable and non-absorbing of water. The PTFE shall be bonded to grit blasted steel using an adhesive approved by the manufacturer. The unfilled PTFE shall conform to the following requirements:

<u>Requirements</u>	ASTM Test Method
2800 min	D 638
200 min	D 638
2.13 min	D 292
	2800 min 200 min

<u>907-811.02.2--Fabrication</u>. The Contractor shall provide the Bridge Engineer with written notification thirty (30) days prior to the start of bearing fabrication. This notification shall include all of the information shown on the shop drawings.

All steel surfaces exposed to the atmosphere, except stainless steel surfaces and metal surfaces to be welded, shall be shop painted in accordance with the contract plans. Prior to painting, the exposed steel surfaces shall be cleaned in accordance with the recommendations of the coating's manufacturer. Metal surfaces to be welded shall be given a coat of clear lacquer, or other protective coating approved by the Bridge Engineer. If the time of exposure before welding takes place is to exceed three months the coating shall be removed at the time of welding. No painting will be done to these surfaces prior to the completion of welding.

Stainless steel sheet shall be attached to its steel substrate with a continuous seal weld.

All welding shall conform to, and all welders shall be qualified in accordance with the requirements of the American Welding Society (AWS).

The finish of the mold used to produce the rotational element shall conform to good machine shop practice. Each bearing shall have a project identification number and lot number marked on a side that will be visible after erection.

Gross bearing dimensions shall have a tolerance of $\pm 1/8$ of an inch. Overall thickness tolerance shall be $\pm 1/8$ of an inch. All bearing surfaces of steel plates shall be finished flat within 0.01 inch.

Every bearing shall have the Project Identification Number, Lot Number, and individual bearing number indelibly marked with ink on a side that will be visible after erection.

After assembly, including sole plates and masonry plates, bearing components shall be held together with steel strapping or other means, to prevent disassembly until the time of installation. Packaging shall be adequate to prevent damage from impact as well as from dust and moisture contamination during shipping and storage.

<u>907-811.02.3--Sampling.</u> Requirements for lot size shall be in accordance with AASHTO Standard Specifications for Highway Bridges; Section 18.3.5.1, Div. II.

<u>907-811.02.4--Testing</u>. The bearing devices to be tested shall be selected by the Bridge Engineer at random. The bearing device will be visually examined both during and after the test. Any visual defects shall be cause of rejection.

<u>907-811.02.4.1--Coefficient of Friction</u>. Sliding coefficient of friction tests will be performed by the manufacturer of one expansion bearing device from each lot. A lot will be the quantity as defined by the Bridge Engineer with a maximum of 25 bearings per lot. The coefficient of friction will be measured at the bearing design capacity on the 5th, 15th, and 100th cycle at a speed of one inch/minute.

The sliding coefficient of friction shall be calculated as the horizontal load required to maintain continuous sliding at a given speed divided by the bearing's design capacity vertical load. The vertical load shall have been applied continuously for a minimum of one-hour prior to testing.

- 5 -

The measured sliding coefficient of friction shall not exceed 0.03.

<u>907-811.02.4.2--Rotation</u>. Rotation tests will be performed by the manufacturer on one bearing device from each lot. The polyether urethane element shall be capable of maintaining its initial uniform contact with the steel bearing plates through a rotation of 1.15 degrees under a comprehensive load equal to 150% of the design capacity of the bearing device.

Any observed separation between the edge of the rotational elements and the bearing plates shall be cause for rejection.

<u>907-811.03--Construction Requirements</u>. Bearings delivered to the bridge site shall be stored under cover on a platform above the ground surface. Bearings shall be protected at all times from injury. When placed, bearings shall be dry, clean, and free from dirt, oil, grease, or other foreign substances.

Bearing devices shall not be disassembled unless otherwise permitted by the Bridge Engineer or manufacturer.

Bearings shall be installed in accordance with the alignment plan and installation scheme as shown in the contract plans. Upon final installation of the bearings, the Bridge Engineer, in the presence of the manufacturer's representative, shall inspect the bearing components to assure that they are level and parallel to within .0311 inch per one foot. Any deviations in excess of the allowed tolerances shall be corrected.

In addition to records of test results, the Contractor's disc bearing supplier shall submit Certificates of Compliance for the disc bearings indicating the materials, fabrication, testing, and installation are as specified herein.

<u>907-811.04--Method of Measurement</u>. Disc bearing device will be measured per each.

<u>907-811.05--Method of Payment</u>. Disc bearing device will be paid for at the contract unit price per each; which price shall be full compensation for completing the work.

Payment will be made under:

907-811-D: Disc Bearing Device

- per each

SECTION 905
PROPOSAL (Sheet No. 2- 2)

BR-5525-00(005) / 100602

REF.	PAY	ADJ.	APPROX.			UNIT PR	CICE	ITEM TO	TAL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CENT
(50)	202-В		2,000	linear	Removal of Traffic Stripe				
				foot					
(60)	202-В			square	Removal of Asphalt Pavement, All				
				yard	Depths				
(70)	202-В			square	Removal of Concrete Driveways, All				
				yard	Depths				
(80)	203-A	(E)		cubic	Unclassified Excavation, FM, AH				
				yard					
(90)	203-EX	(E)	53,803	cubic	Borrow Excavation, AH, FME, Class B17				
CHANGI	ED 08/12/2005			yard					
(100)	203-G	(E)		cubic	Excess Excavation, FM, AH				
				yard					
(110)	206-A	(S)	86	cubic	Structure Excavation				
				yard					

BR-5525-00(005) / 100602

PROPOSAL (Sheet No. 2- 3)

REF.	PAY	ADJ.	APPROX.			UNIT PE	RICE	ITEM TO	TAL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CEN'
(120)	206-В	(E)	36	cubic	Select Material for Undercuts,				
				yard	Contractor Furnished, FM				
(130)	209-A		23,464	square	Geotextile Stabilization, Type V				
				yard					
(131)	211-B	(E)	4,000	cubic	Topsoil for Slope Treatment,				
ADDED	08/12/2005			yard	Contractor Furnished				
(140)	212-A		29,494	square	Light Ground Preparation				
				yard					
(150)	212-B		58,988	square	Standard Ground Preparation				
				yard					
(160)	907-213-A		37	ton	Agricultural Limestone				
(170)	213-в		8	ton	Combination Fertilizer, 13-13-13				-

SECTION 905
PROPOSAL (Sheet No. 2- 4)

BR-5525-00(005) / 100602

REF.	PAY	ADJ.	APPROX.			UNIT P	RICE	ITEM TO	TAL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CENT
(180)	213-C		6	ton	Superphosphate				
(190)	214-A		244	pound	Seeding, Bermudagrass				
(200)	214-A		122	pound	Seeding, Tall Fescue				-
(210)	214-A		122	pound	Seeding, Crimson Clover				+
(220)	214-A		122	pound	Seeding, Browntop Millet				_
(220)				Poulla	seeding, stemmer militar				
(000)	01.1 -				- 11				
(230)	214-A		152	pound	Seeding, Rye Grass				
(240)	214-A		548	pound	Seeding, Oats				

PROPOSAL (Sheet No. 2- 5)

BR-5525-00(005) / 100602

REF.	PAY	ADJ.	APPROX.			UNIT PR	ICE	ITEM TOT	AL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CENT
(250)	215-A		30	ton	Vegetative Materials for Mulch				
(260)	216-A			square yard	Solid Sodding				
(270)	217-A			square yard	Ditch Liner				
(280)	219-A		3	M/gallon	Watering	20	.0000	60.	00
(290)	220-A		6	acre	Insect Pest Control	30	.0000	180	00
(300)	221-A	(S)		cubic yard	Portland Cement Concrete Paved Ditch				
(310)	223-A		1	acre	Mowing	30	0000	30	00

BR-5525-00(005) / 100602

PROPOSAL (Sheet No. 2- 6)

REF.	PAY	ADJ.	APPROX.			UNIT PI	RICE	ITEM TO	OTAL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CEN
(320)	224-A			square	Soil Reinforcing Mat				
				yard					
(330)	234-A		4,125	linear	Temporary Silt Fence				
				foot					
(340)	235-A		1,280	each	Temporary Erosion Checks				
(350)	236-A		2	each	Silt Basin, Type D				
(360)	239-A		278	linear	Temporary Slope Drains				
				foot					
(370)	304-A	(GY)	2,955	cubic	Granular Material, LVM, Class 5,				
				yard	Group C				
(380)	304-G	(GY)	3,962	cubic	3/4" and Down Crushed Stone Base, AEA				
				yard					

PROPOSAL (Sheet No. 2- 7)

BR-5525-00(005) / 100602

Scott County

UNIT PRICE ITEM TOTAL PAY ADJ. APPROX. REF. NO. ITEM NO. CODE QUANTITY UNIT DESCRIPTION DOLLAR CENT DOLLAR CENT 1,000 cubic (390) 305-B (GY) Size I Stabilizer Aggregate, Coarse yard (400) 403-A (B) 3,355 ton Hot Mix Asphalt, MT, 12.5-mm mixture (A1) (410) 403-A (B) 3,051 ton Hot Mix Asphalt, MT, 19-mm mixture (A1) (420) 406-A 1,200 square Cold Milling of Bituminous Pavement, All Depths yard (430) 501-E 150 linear Expansion Joints, Without Dowels foot (440) 501-K 2,423 square Transverse Grooving yard (C) (450) 502-A Reinforced Cement Concrete Bridge End 430 square yard Pavement

SECTION 905 PROPOSAL (Sheet No. 2- 8)

BR-5525-00(005) / 100602

REF.		ADJ.	APPROX.				RICE	ITEM TOTAL	
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CENT
(460)	503-C		135	linear	Saw Cut, 3-inch				
				foot					
(470)	601-A	(3)	37	cubic	Class "B" Structural Concrete				+
				yard					
(480)	601-B	(8)	2	cubic	Class "B" Structural Concrete, Minor				+
				yard	Structures				
(490)	602-A	(S)	7,303	pound	Reinforcing Steel				
(500)	603-ALT	(S)		linear	18" Type A Alternate Pipe				+
				foot					
(510)	603-CA	(S)		linear	18" Reinforced Concrete Pipe, Class				+
				foot	III				
(520)	603-CA	(S)	88	linear	24" Reinforced Concrete Pipe, Class				+
				foot	III				

SECTION 905
PROPOSAL (Sheet No. 2- 9)

BR-5525-00(005) / 100602

REF. PAY	PAY	ADJ.	APPROX.			UNIT PR	RICE	ITEM TO	TAL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CENT
(530)	603-CB	(S)	2	each	24" Reinforced Concrete End Section				
(540)	606-B			linear foot	Guard Rail, Class A, Type 1				
(550)	606-D		4	each	Guard Rail, Bridge End Section, Type				
(560)	606-E		4	each	Guard Rail, Terminal End Section				
(570)	607-A			linear foot	31.5" Type"A" Woven Wire Fence, w/ Barbed Wire as Shown				
(580)	607-P1		54	each	Line Post, 7' x 4" Timber				
(590)	607-P1		11	each	Line Post, 9' x 4" Timber				

BR-5525-00(005) / 100602

PROPOSAL (Sheet No. 2- 10)

REF.	PAY	ADJ.	APPROX.			UNIT PRICE		ITEM TOTAL	
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CEN'
(600)	607-P1		7	each	Line Post, 10' x 4" Timber				
(610)	607-P2		11	each	Brace Post, 8' x 6" Timber				
(620)	607-P2		2	each	Brace Post, 10' x 6" Timber				
(630)	607-P2		1	each	Brace Post, 12' x 6" Timber				
(640)	607-Z		20	each	Concrete Anchors				
(650)	609-D	(8)	490	linear	Combination Concrete Curb and Gutter				
				foot	Type 2				
(660)	614-A	(S)	395	square	Concrete Driveway, Without				
. ,		. ,		yard	Reinforcement				

SECTION 905 PROPOSAL (Sheet No. 2- 11)

BR-5525-00(005) / 100602

-	PAY	ADJ.	APPROX.			UNIT PR	RICE	ITEM TO	TAL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CENT
(670)	616-A	(S)	223	square	Concrete Median and/or Island				
				yard	Pavement, 10-inch				
(680)	616-A	(S)	219	square	Concrete Median and/or Island				
				yard	Pavement, 4-inch				
(690)	907-617-A		31	each	Right-of-Way Marker				
(700)	619-A1			linear	Temporary Traffic Stripe, Continuous				
				foot	White				
(710)	619-A2		5,073	linear	Temporary Traffic Stripe, Continuous				
				foot	Yellow				
(720)	619-A4			linear	Temporary Traffic Stripe, Skip Yellow				
				foot					
(730)	619-A5		1,200	linear	Temporary Traffic Stripe, Detail				
				foot					

SECTION 905 PROPOSAL (Sheet No. 2- 12)

BR-5525-00(005) / 100602

REF.	PAY	ADJ.	APPROX.			UNIT PI	RICE	ITEM TOTAL	
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CEN
(740)	619-C7		238	3 each	Two-Way Yellow Reflective High Performance Raised Marker				
					reflormance Raised Marker				
(750)	619-D1		127	7 square	Standard Roadside Construction Signs,				
				foot	Less than 10 Square Feet				
(760)	619-D2		264	l square	Standard Roadside Construction Signs,				
				foot	10 Square Feet or More				
(770)	619-F1		60) linear	Concrete Median Barrier, Precast				
				foot					
(780)	619-G4		148	3 linear	Barricades, Type III, Double Faced				
				foot					
(790)	619-G4		48	3 linear	Barricades, Type III, Single Faced				
				foot					
(800)	619-G5		85	each	Free Standing Plastic Drums				

SECTION 905
PROPOSAL (Sheet No. 2- 13)

BR-5525-00(005) / 100602

REF.	PAY	ADJ. APPROX.			UNIT PRICE		ITEM TOTAL		
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CEN
(810)	619-G7		:	2 each	Warning Lights, Type "B"				
(820)	626-A		37	0 linear foot	6" Thermoplastic Traffic Stripe, Skip White				
(830)	626-C		:	2 mile	6" Thermoplastic Edge Stripe, Continuous White				
(840)	626-D		:	1 mile	6" Thermoplastic Traffic Stripe, Skip Yellow				
(850)	626-E		:	2 mile	6" Thermoplastic Traffic Stripe, Continuous Yellow				
(860)	626-G		3,71	2 linear foot	Thermoplastic Detail Stripe, White				
(870)	626-G		3,88	7 linear foot	Thermoplastic Detail Stripe, Yellow				

SECTION 905 PROPOSAL (Sheet No. 2- 14)

BR-5525-00(005) / 100602

REF.	PAY	ADJ.	APPROX.			UNIT PE	RICE	ITEM TO	TAL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CENT
(880)	626-Н		365	linear	Thermoplastic Legend, White				
				foot					
(890)	626-Н			square	Thermoplastic Legend, White				
				foot					
(900) 627	627-K		25	each	Red-Clear Reflective High Performance				
					Raised Markers				
(910)	627-L		607	each	Two-Way Yellow Reflective High				
					Performance Raised Markers				
(920)	628-J		777	linear	6" High Performance Cold Plastic				
				foot	Traffic Stripe, Continuous White				
(930)	628-L		777	linear	6" High Performance Cold Plastic				
				foot	Traffic Stripe, Skip Yellow				
(940)	628-M		777	linear	6" High Performance Cold Plastic				
				foot	Traffic Stripe, Continuous Yellow				

SECTION 905 PROPOSAL (Sheet No. 2- 15)

BR-5525-00(005) / 100602

REF.	PAY	ADJ.	APPROX.			UNIT PR	CICE	ITEM TO	TAL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CENT
(950)	628-P		66	linear	High Performance Cold Plastic Legend,				
				foot	White				
(960)	630-A		119	square	Standard Roadside Signs, Sheet				
				foot	Aluminum, 0.080" Thickness				
(970)	630-A		132	square	Standard Roadside Signs, Sheet				
				foot	Aluminum, 0.125" Thickness				
(980)	630-C		321	linear	Steel U-Section Posts, 3.0 to 3.5				
				foot	lb/ft				
(990)	630-E		77	pound	Structural Steel Angles & Bars, 7/16"				
					x 2 1/2" Flat Bar				
(1000)) 630-F		20	each	Delineators, Guard Rail, White				
(1010)) 630-G		4	each	Type 3 Object Markers, OM-3R or				
					OM-3L, Post Mounted				

PROPOSAL (Sheet No. 2- 16)

BR-5525-00(005) / 100602

REF.	PAY	ADJ.	APPROX.			UNIT PRI	CE	ITEM TOT	AL
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CEN
(1020)	630-K			linear foot	Welded & Seamless Steel Pipe Posts, 4"				
				1000	7				
(1030)	803-A	(S)	1	each	Test Pile				
(1040)	803-B	(S)	1	each	Conventional Static Loading Test	5,000	.0000	5,000	00
(1050)	803-C	(S)		linear foot	14" x 14" Prestressed Concrete Piling				
(1060)	803-J	(S)	1	each	Pile Restrike				
(1070)	803-K	(S)	_	linear foot	Drilled Shaft, 54" Diameter				
(1080)	803-M	(S)		linear foot	Trial Shaft, 54" Diameter				

SECTION 905
PROPOSAL (Sheet No. 2- 17)

BR-5525-00(005) / 100602

REF. PAY	ADJ. APPROX.				UNIT PI	UNIT PRICE		ITEM TOTAL	
NO. ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CEN	
(1090) 803-N	(8)	10 lir		Exploration					
		foo	Ot						
(1100)803-0	(S)	100 lir		Temporary Casing, 54" Diameter					
		foo	ot						
(1110)804-A	(3)	826 cuk	bic	Bridge Concrete, Class AA					
		yar	rd						
(1120)805-A	(3)	183,760 pou	und	Reinforcement					
(1130)810-A	(3)	704,247 pou	und	Structural Steel, A 709					
(1140)907-811-D	(3)	28 eac	ch	Disc Bearing Device					
(1150)813-A	(S)	688 lir	near	Concrete Railing					
		foo	ot						

SECTION 905
PROPOSAL (Sheet No. 2- 18)

BR-5525-00(005) / 100602

REF.	PAY	ADJ.	APPROX.			UNIT PR	ICE	ITEM TOTAL	
NO.	ITEM NO.	CODE	QUANTITY	UNIT	DESCRIPTION	DOLLAR	CENT	DOLLAR	CENT
(1160)	815-A	(S)	92	ton	Loose Riprap, Size 300				
(1170)	815-D	(3)		cubic	Concrete Slope Paving				
				yard					
(1180)	815-E	(8)	62	square	Geotextile under Riprap				
				yard					
(1190)	815-F	(S)	5	ton	Sediment Control Stone				

UBTOTAL -	DIRECT	PAY	ITEMS\$	
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